

Title (en)
PRECHARGING OF AN INTERMEDIATE CIRCUIT

Title (de)
VORLADUNG EINES ZWISCHENKREISES

Title (fr)
PRÉCHARGE D'UN CIRCUIT INTERMÉDIAIRE

Publication
EP 3785360 A1 20210303 (DE)

Application
EP 19718411 A 20190423

Priority
• EP 18168829 A 20180423
• EP 2019060369 W 20190423

Abstract (en)
[origin: WO2019206910A1] In order to render possible reliable charging of the intermediate circuit capacitors of an inverter (1) which comprises an intermediate circuit (3), a DC/AC voltage bridge (3) and a control unit (5), according to the invention an intermediate circuit voltage (U_z) of the intermediate circuit (3) is precharged in a precharging mode via a capacitive circuit (C), preferably a capacitive voltage divider, by means of a power supply system (4) which is connected to the output.

IPC 8 full level
H02M 1/36 (2007.01); **H02M 7/487** (2007.01); **H02M 7/5375** (2006.01)

CPC (source: EP)
H02H 9/002 (2013.01); **H02M 1/32** (2013.01); **H02M 1/36** (2013.01); **H02M 7/5375** (2013.01); **H02M 7/487** (2013.01)

Citation (search report)
See references of WO 2019206910A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3562016 A1 20191030; AU 2019258117 A1 20201217; AU 2019258117 B2 20210819; BR 112020020160 A2 20210105;
EP 3785360 A1 20210303; WO 2019206910 A1 20191031

DOCDB simple family (application)
EP 18168829 A 20180423; AU 2019258117 A 20190423; BR 112020020160 A 20190423; EP 19718411 A 20190423;
EP 2019060369 W 20190423